

## POLG2

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**Reactivity:**Human

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:10 - 1:100

**Calculated MW:**54kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human POLG2

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

HP55; POLB; PEOA4; POLGB; MTPOLB; POLG-BETA;

**Background:**

This gene encodes the processivity subunit of the mitochondrial DNA polymerase gamma. The encoded protein forms a heterotrimer containing one catalytic subunit and two processivity subunits. This protein enhances DNA binding and promotes processive DNA synthesis. Mutations in this gene result in autosomal dominant progressive external ophthalmoplegia with mitochondrial DNA deletions.

*To place an order, please [Click HERE](#).*

**Catalog #:**A6695

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**11232

**Isotype:**IgG

**Swiss Prot:**Q9UHN1

**Purity:**Affinity purification

For research use only.